

## **METHOD AND APPARATUS TO PROVIDE RADIAL AND AXIAL REGISTRATION OF A TAPE CARTRIDGE SUPPLY HUB**

### **ABSTRACT OF THE DISCLOSURE**

A reel driver device for driving a magnetic tape cartridge supply hub is provided. The reel driver includes a cylindrical reel driver having a toothed upper surface configured to engage a supply reel hub, spline elements disposed along an axial direction of the reel driver, and a stop element. At least one of the spline elements is disposed a first distance from the teeth, and the stop element is disposed a second distance from the teeth, the second distance being greater than the first distance. The spline elements are disposed circumferentially around the hub of the spindle motor allowing for reduced radial runout, and the stop element disposed the second distance from the teeth may abut a reel plate registered to a portion of the motor for reduced axial runout.